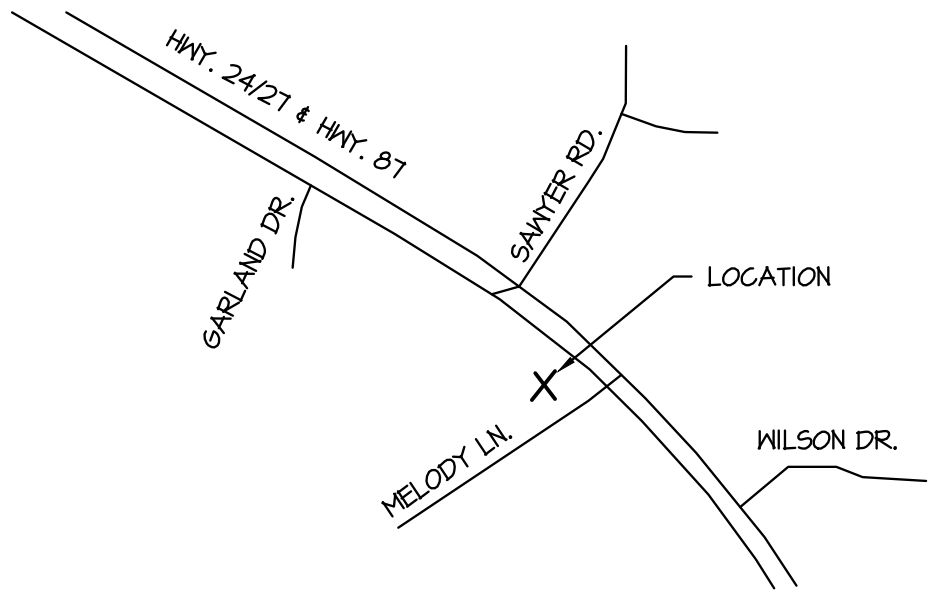


The Twisted Grape

Harnett County, North Carolina

MAP – N.T.S.



CODES

2012 North Carolina Building Code
2012 North Carolina Fire Prevention Code
2012 North Carolina Mechanical Code
2012 North Carolina Plumbing Code
2012 North Carolina Energy Conservation Code
2012 North Carolina Fuel Gas Code
2011 NEC with North Carolina Electrical Code Amendments
Accessible and Usable Building and Facilities ICC/ANSI A117.1–09

PROJECT. DESCR.

THIS PROPERTY IS THE OLD T'S FAMILY RESTAURANT LOCATION. THESE SHOW THE ADDITION OF AN OUTDOOR EATING AREA WITH A BAR. THE ADDITION IS TO BE CONSTRUCTED OF WOOD POSTS AND GEORGIA PACIFIC TIMBERS.

DRAWING INDEX

Code Summary Sheet	Code
Site Plan	C1
Demo. Plan	D1.1
Life Safety Sheet	LS1
Exterior Elevations	G1.1
Floor Plan	G2.1
Framing Plan & Details	S1.1
Water Plan	P1
Waste Plan	P2
HVAC Plan	M1
Schedules & Notes	M2
Lighting Plan	E1
Power Plan	E2

Building Up-fit Drawings

For

Joe Pike

LEGEND

NOTE: NOT ALL SYMBOLS ARE USED FOR ALL PROJECT.

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
●	STARTING POINT	101	WINDOW MARKER		LIFE SAFETY DOOR MARK
—	DIRECTION OF TRAVEL	101	DOOR MARKER		LIFE SAFETY ROOM MARK
⊗	EXIT SIGN	A	WALL MARKER		LIFE SAFETY WINDOW MARK
⊗	DIRECTIONAL EXIT SIGN		BRICK HATCH	LLV	LONG LEG VERTICAL
⊗	COMBO EXIT SIGN AND BATTERY PACK	XXXXX	BLOCK HATCH	SLV	SHORT LEG VERTICAL
⊗	BATTERY PACK	XXXXX	FILL MATERIAL	EX	EXISTING
⊗	FIRE EXTINGUISHIER		UNDISTURBED MATERIAL	MAX	MAXIMUM
— U	EXT. BATTERY PACK		INSULATION – BATT	MIN.	MINIMUM
PH	PANIC DOOR HARDWARE		INSULATION – BOARD	CMU	CONCRETE MASONRY UNIT
■	PULL STATION (FIRE ALARM)	— 3HR —	THREE HOUR FIRE WALL		
⊗	SMOKE DETECTOR (FIRE ALARM)	— 2HR —	TWO HOUR FIRE WALL		
101	ROOM MARKER	— 1HR —	ONE HOUR FIRE WALL		

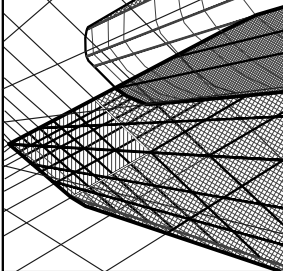
CONSTRUCTOR INFO.

THE TWISTED GRAPE

Harnett County, NC

COVER SHEET

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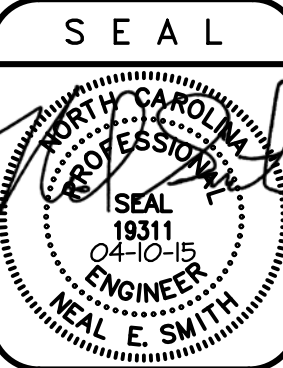


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GENERAL NOTES:

THIS MAP IS NOT IN ACCORDANCE WITH GS 47-30.

BOUNDARY AND SITE INFORMATION PROVIDED BY OWNER.

SITE SHALL MEET ALL ADA ACCESSIBILITY REQUIREMENTS.

SITE DATA

SITE JURISDICTION:
ADDRESS:

PARCEL ID #:
DEED BOOK & PAGE

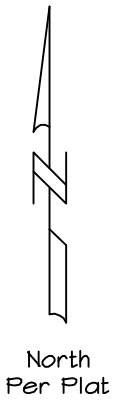
HARNETT COUNTY
54 MELODY LANE
CAMERON, NC
019344-0048-62
BOOK 3198 PAGE 144

PARKING DATA

PROPOSED PARKING
RESTAURANT
1 SPACE PER 4 SEATS

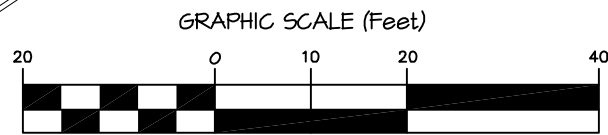
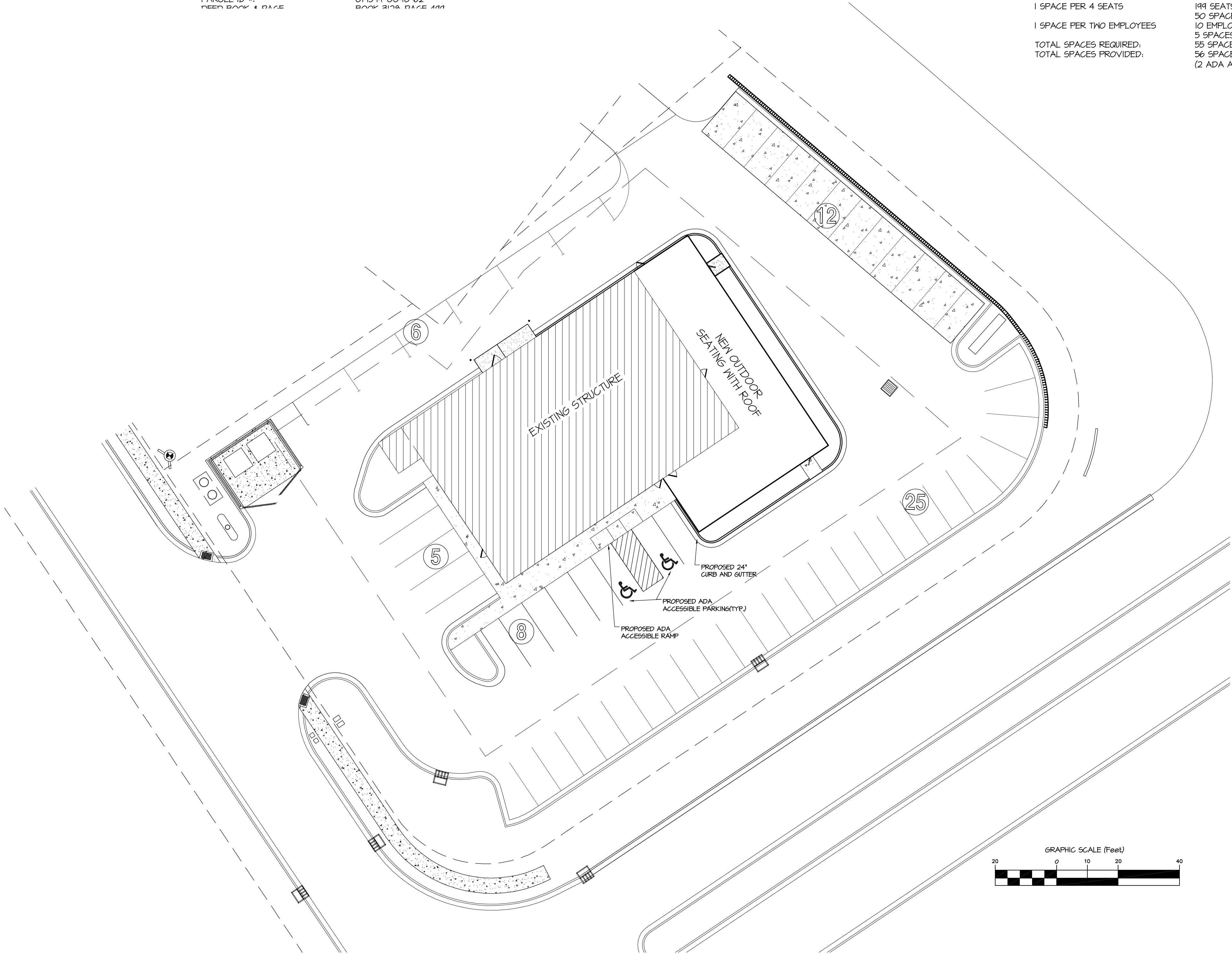
TOTAL SPACES REQUIRED:
TOTAL SPACES PROVIDED:

199 SEATS/4 = 49.75
50 SPACES REQUIRED
10 EMPLOYEES/C = 5
5 SPACES REQUIRED
55 SPACES
56 SPACES
(2 ADA ACCESSIBLE / VAN ACCESSIBLE)



Legend:

- = IRON PIPE FOUND
- = IRON ROD FOUND
- = CONCRETE MONUMENT FOUND
- ▲ = PK NAIL FOUND
- △ = PK NAIL SET
- = EXISTING RIGHT OF WAY
- - - = PROPOSED RIGHT OF WAY
- = BOUNDARY LINE
- = ADJACENT PROPERTY LINES NOT SURVEYED
- = EXISTING SETBACK LINES
- - - = PROPOSED SETBACK LINES
- = EXISTING CONTOUR
- = PROPOSED CONTOUR
- = APPROXIMATE LOCATION OF EXISTING WATERLINE
- = PROPOSED 6" WATERLINE
- = APPROXIMATE LOCATION OF EXISTING GAS LINE
- = EXISTING SANITARY SEWER LINE
- = PROPOSED 8" SANITARY SEWER LINE
- = EXISTING EASEMENT
- = PROPOSED EASEMENT
- = EXISTING OVERHEAD UTILITY
- = EXISTING UNDERGROUND UTILITY
- = EXISTING WETLAND LIMITS
- = EXISTING FENCE
- = PROPOSED FENCE
- = PROPOSED 4" SEWER SERVICE
- = PROPOSED 2" WATER SERVICE
- = LIMITS OF DISTURBANCE
- = PROPOSED SILT FENCE
- = PROPOSED TEMPORARY DIVERSION
- = EXISTING STREAM CENTERLINE
- = EXISTING SOIL ROAD
- = EXISTING GRAVEL ROAD
- = EXISTING LIGHT POLE
- = PROPOSED LIGHT POLE
- = EXISTING UTILITY POLE
- = PROPOSED UTILITY POLE
- = EXISTING WATER METER
- = PROPOSED WATER METER
- = EXISTING WATER VALVE
- = PROPOSED WATER VALVE
- = EXISTING FIRE HYDRANT
- = PROPOSED FIRE HYDRANT
- = EXISTING SANITARY SEWER MANHOLE
- = PROPOSED SANITARY SEWER MANHOLE
- = EXISTING SEWER CLEAN OUT
- = PROPOSED SEWER CLEAN OUT
- = CURB INLET
- = EXISTING STORM DRAIN MANHOLE
- = HIGH DENSITY POLYETHYLENE PIPE
- = REINFORCED CONCRETE PIPE
- = FLARED END SECTION
- = PROPOSED SPOT ELEVATION
- = 10" PINE (TYP.)
- = EXISTING TREE TO BE REMOVED

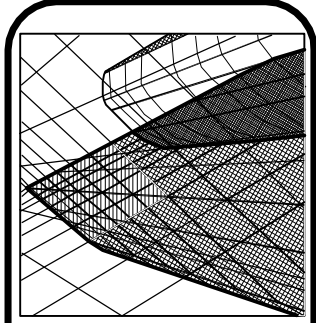


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HARNETT COUNTY, NC

SITE LAYOUT PLAN

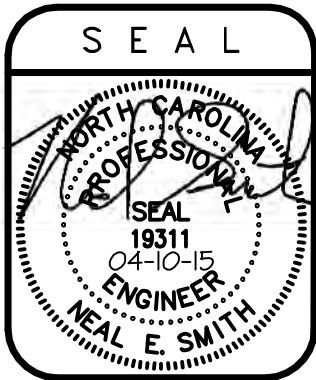
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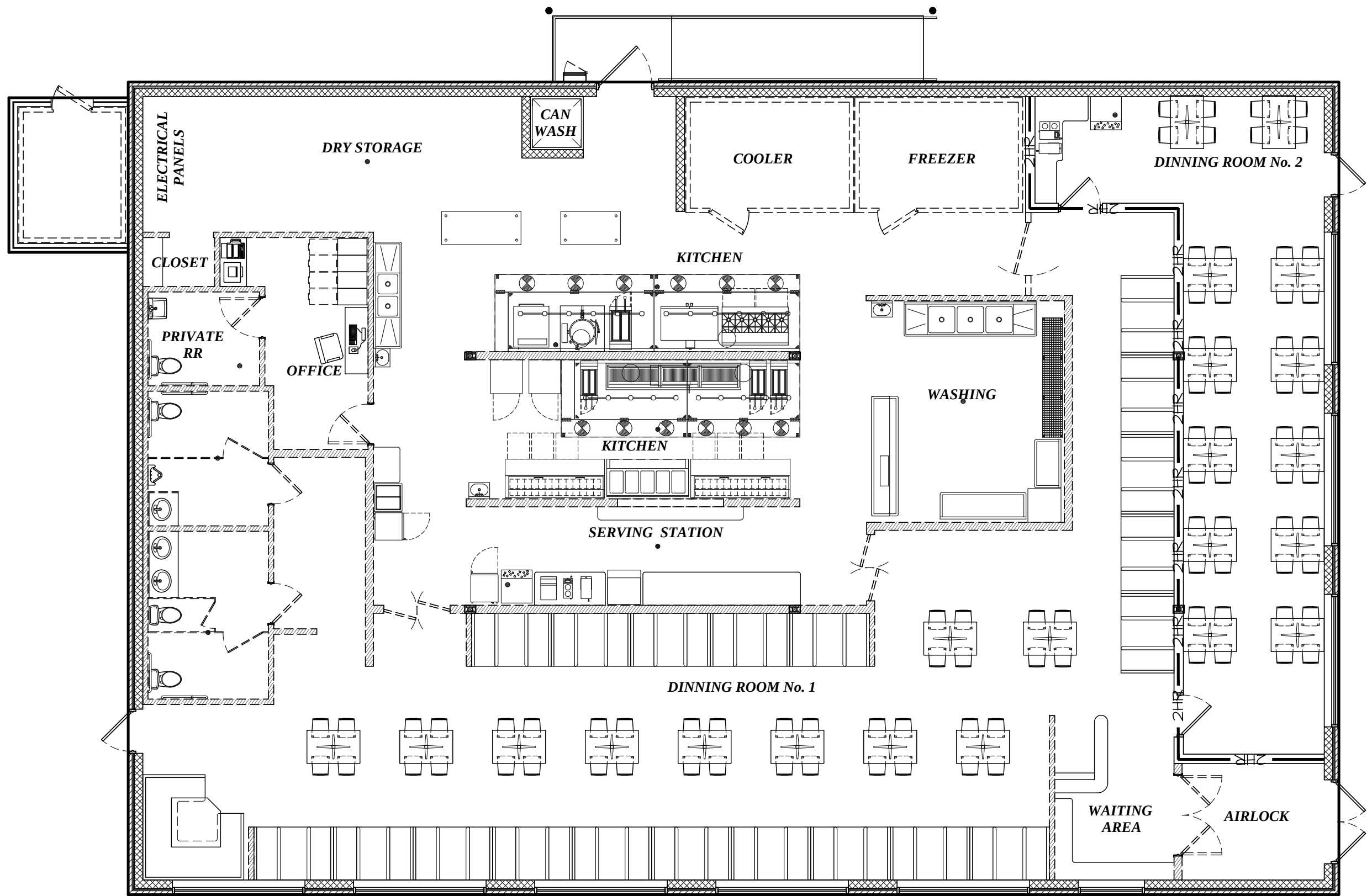
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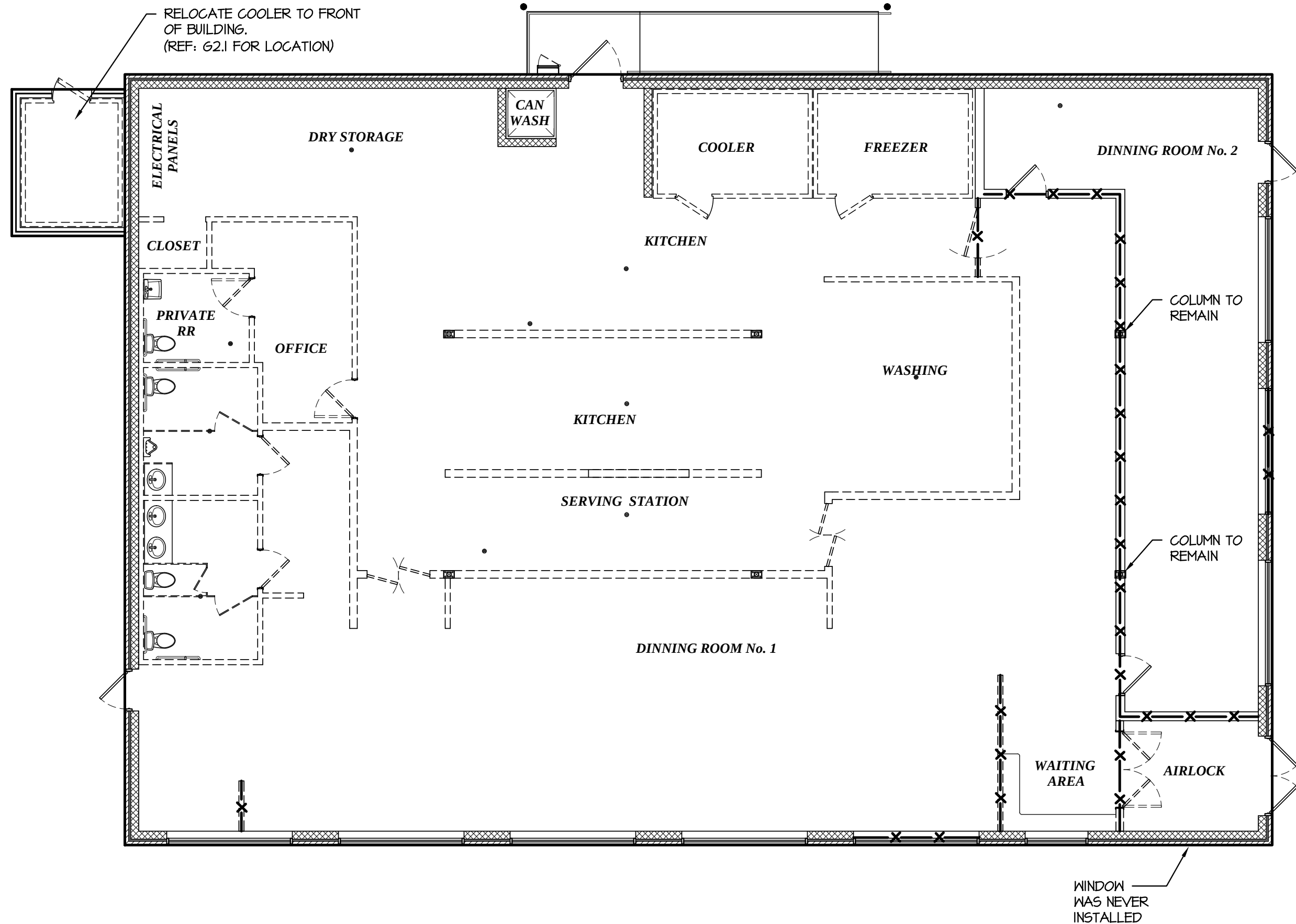
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1 Original Floor Plan
D1.1 1/8" = 1'-0"

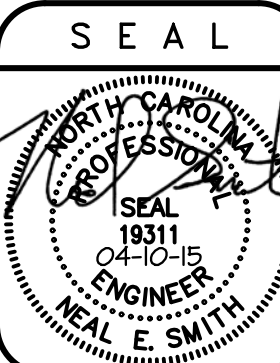


2 Demolition Plan
D1.1 1/8" = 1'-0"

THE TWISTED GRAPE
Harnett County, NC

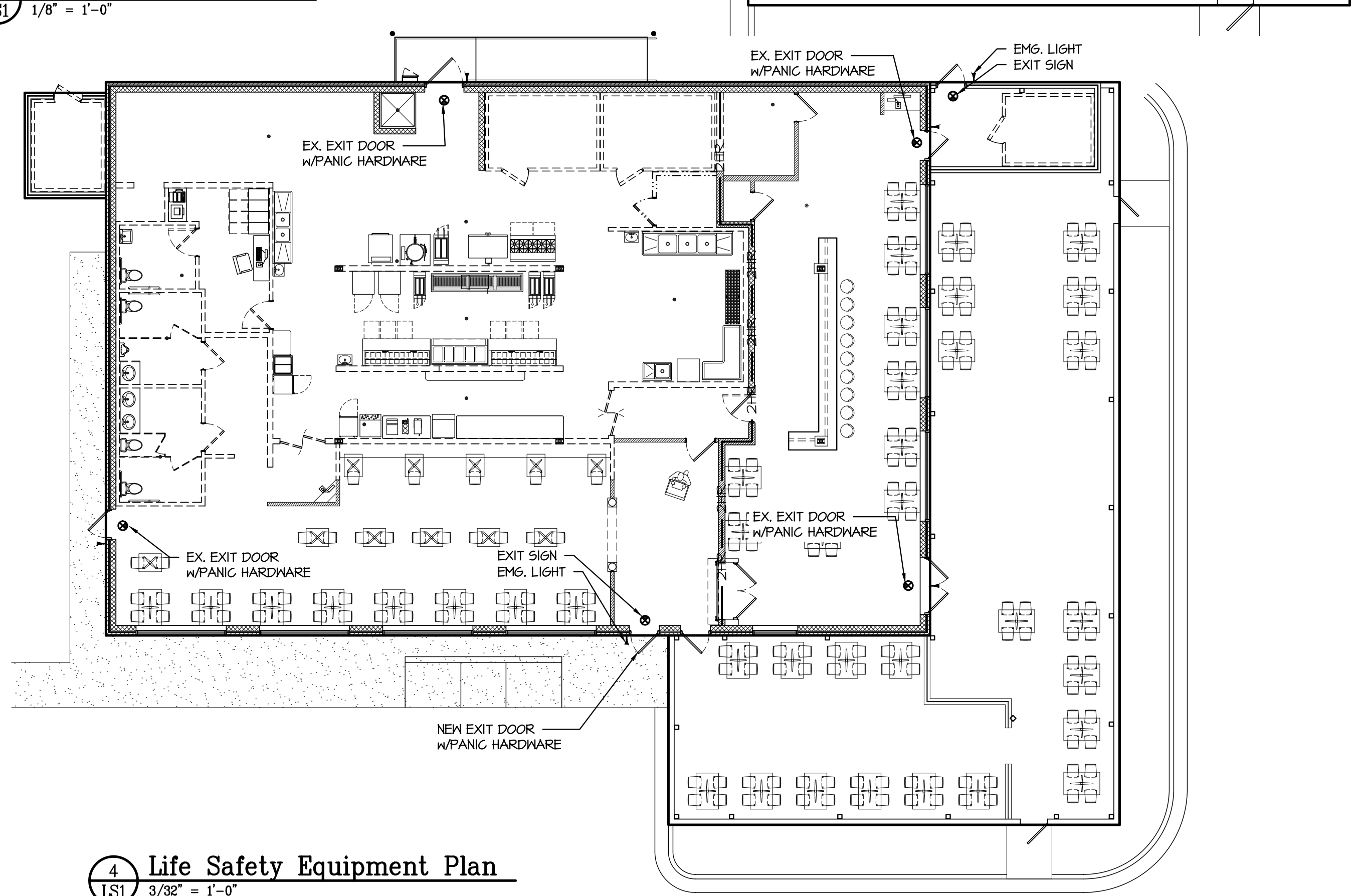
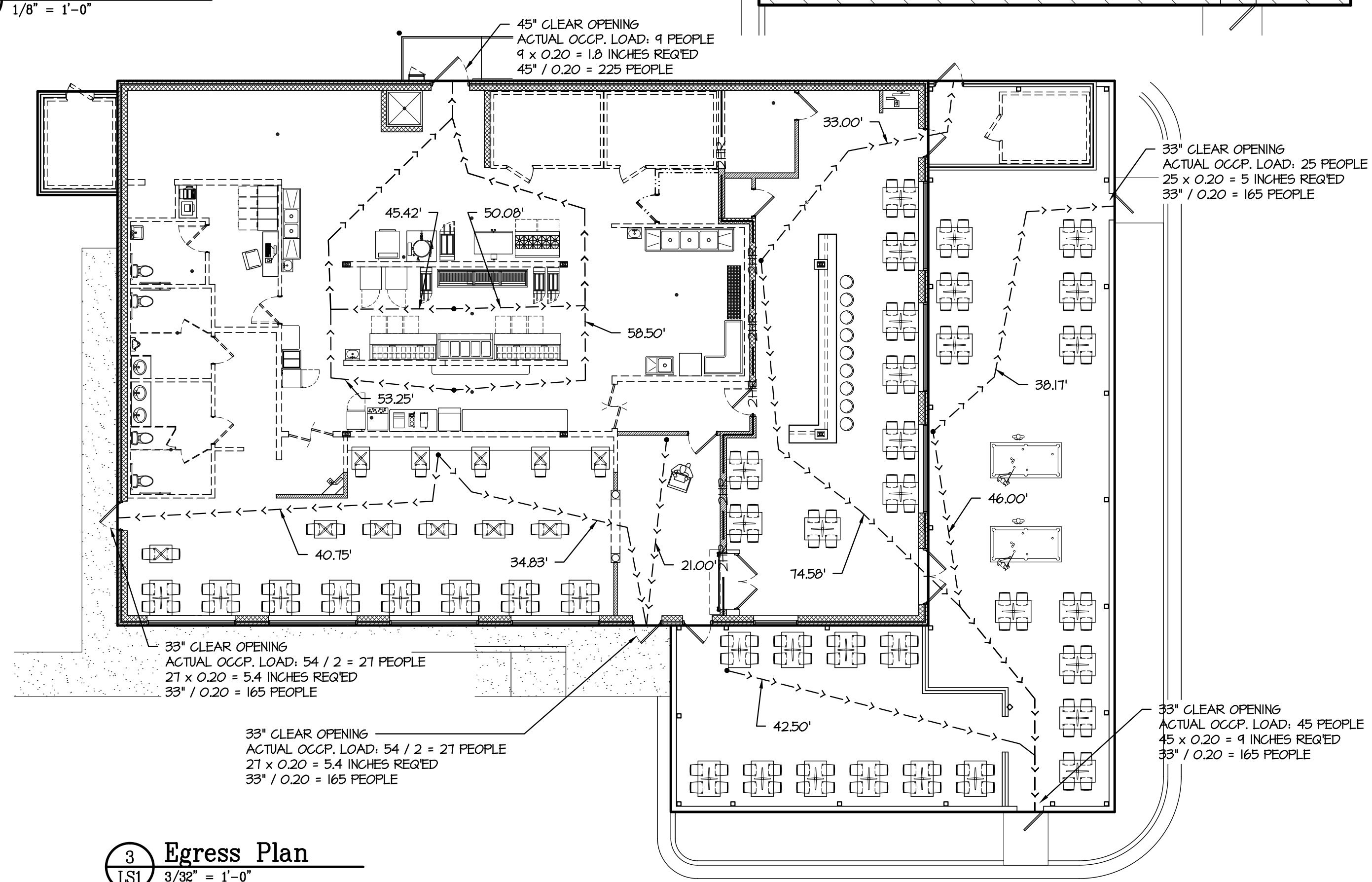
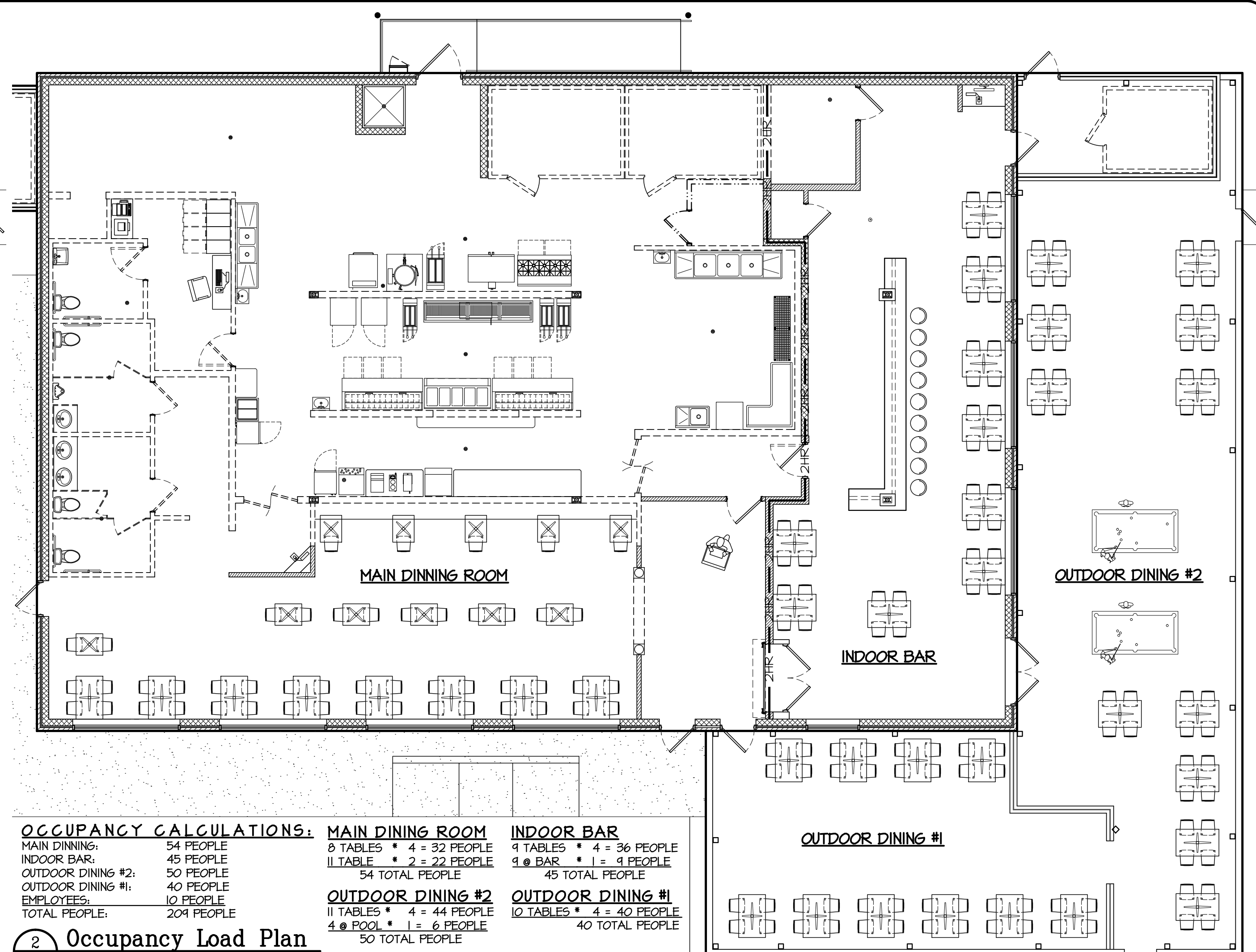
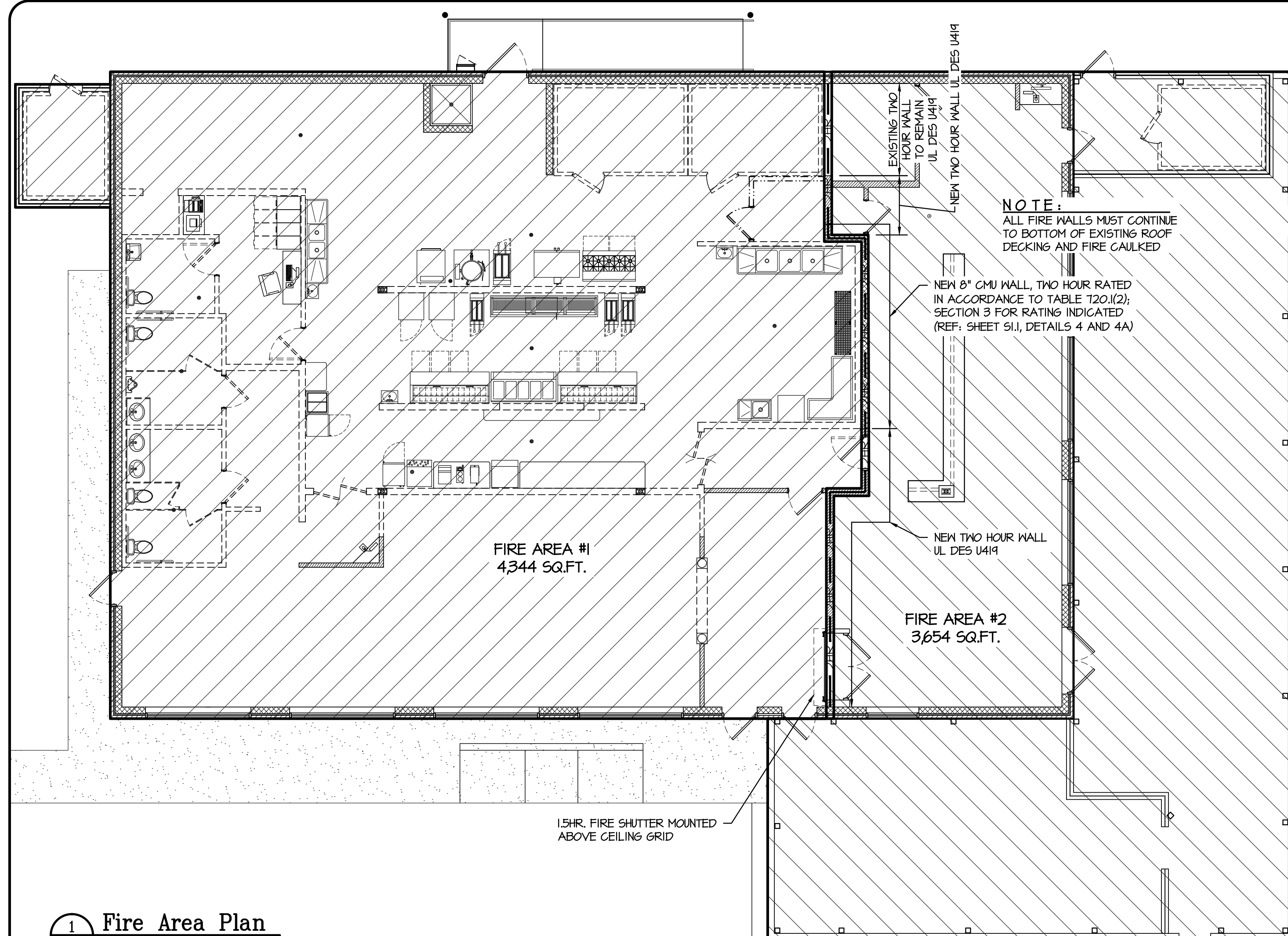
ORIGINAL FLOOR PLAN AND DEMOLITION PLAN

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THE TWISTED GRAPE
Harnett County, NC

LIFE SAFETY PLANS

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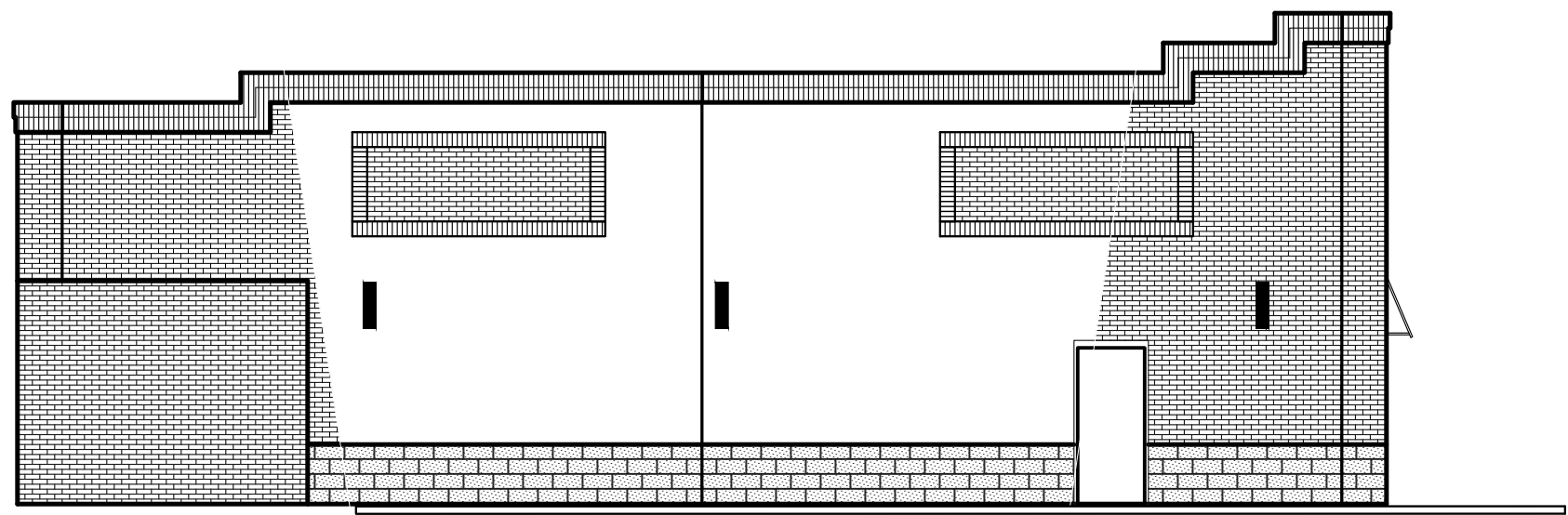
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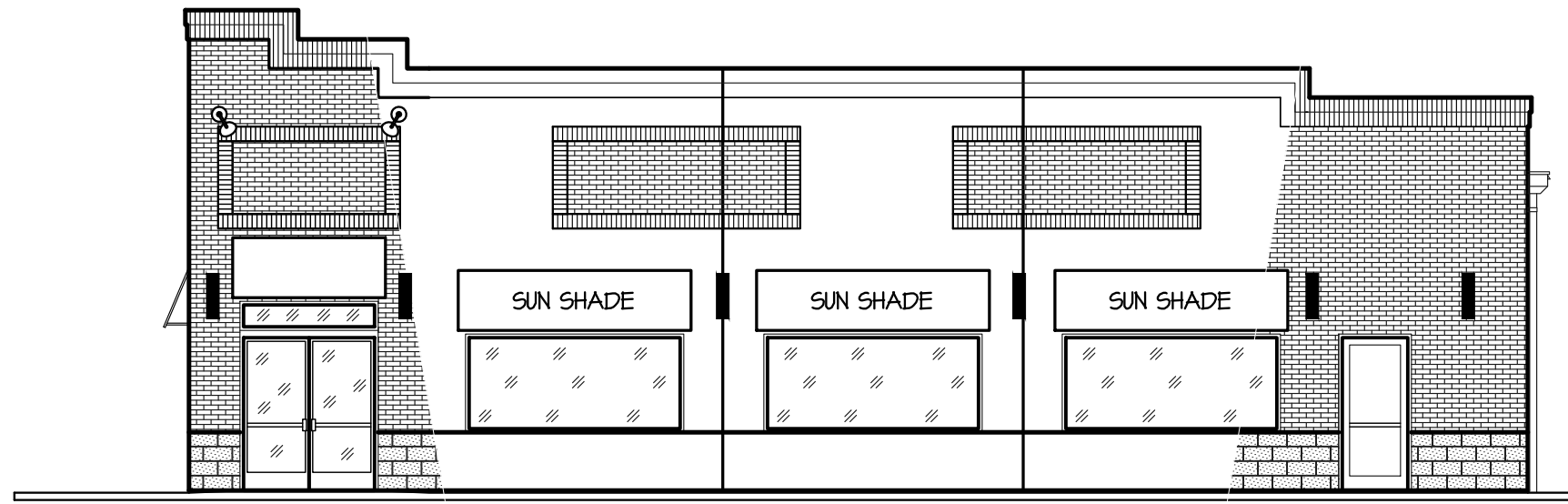
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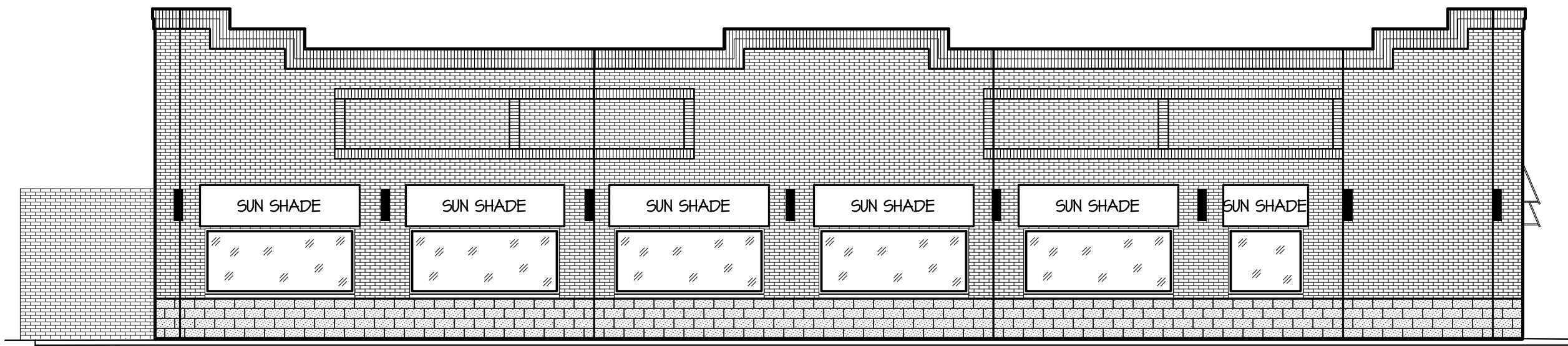
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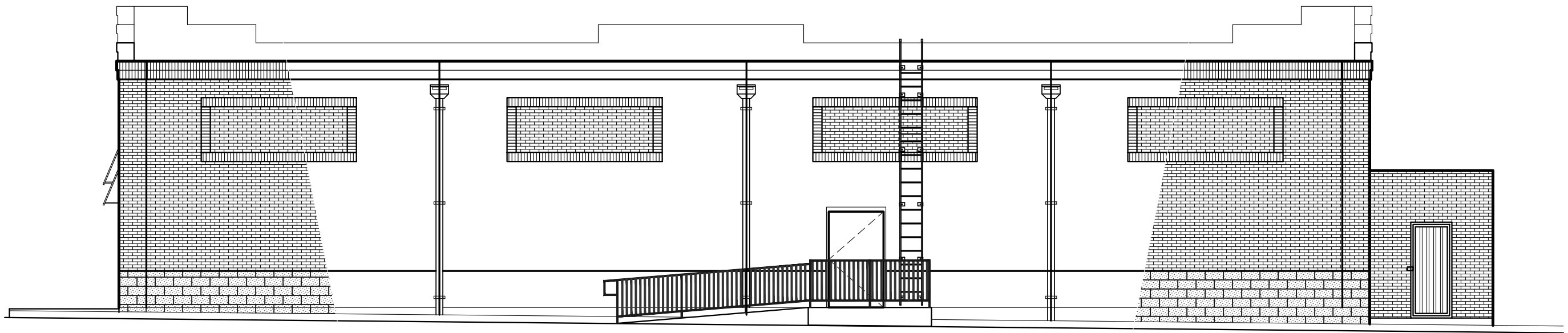
1 Existing Rear Elevation
G1.1 1/8" = 1'-0"



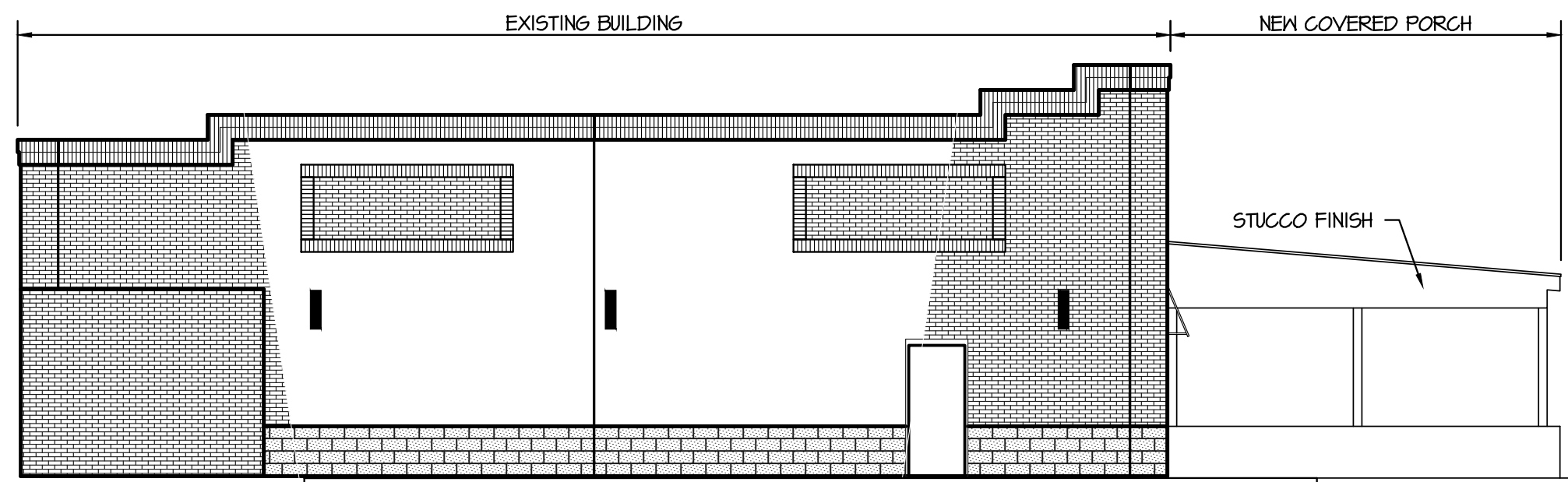
3 Existing Front Elevation
G1.1 1/8" = 1'-0"



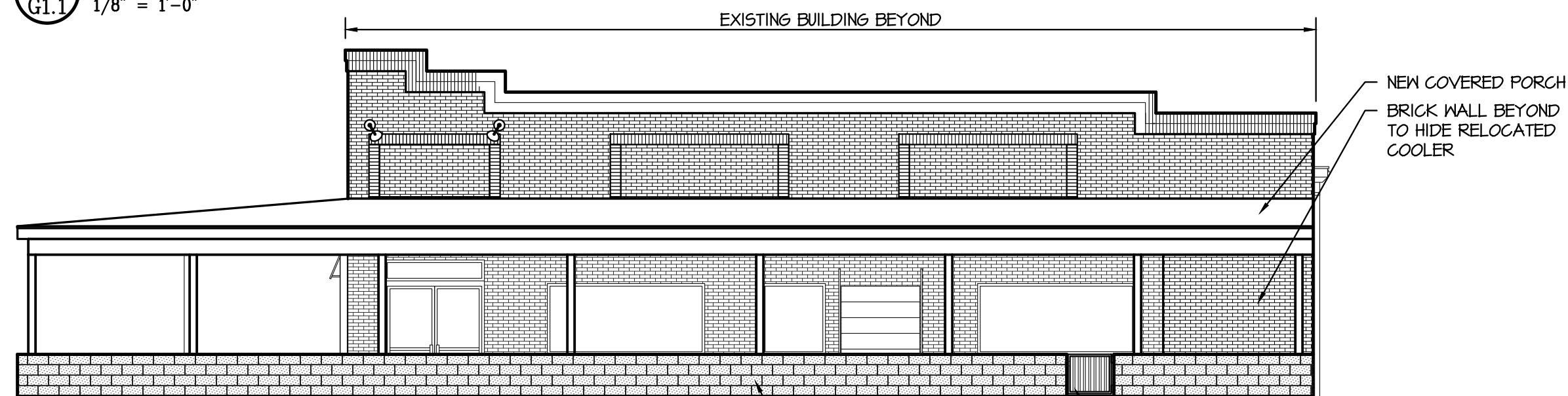
2 Existing Left Elevation
G1.1 1/8" = 1'-0"



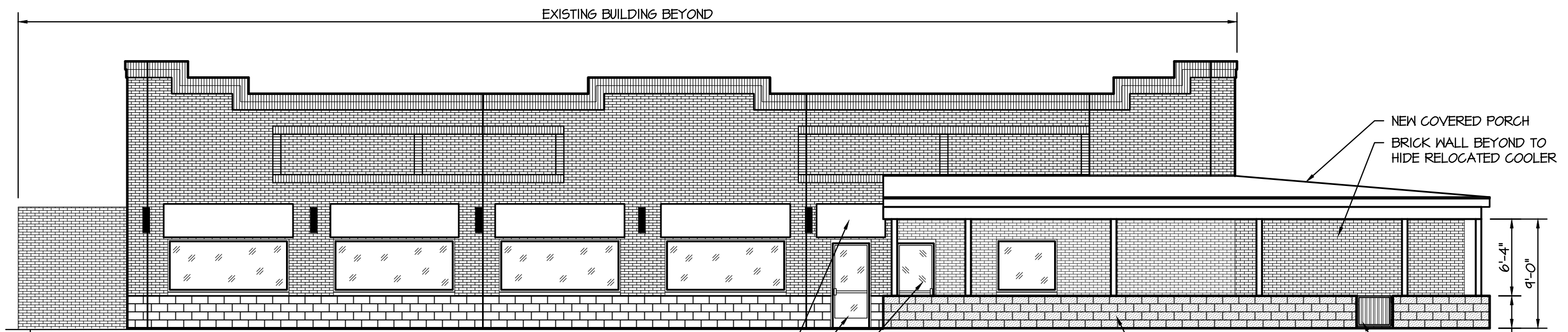
4 Existing Right Elevation
G1.1 1/8" = 1'-0"



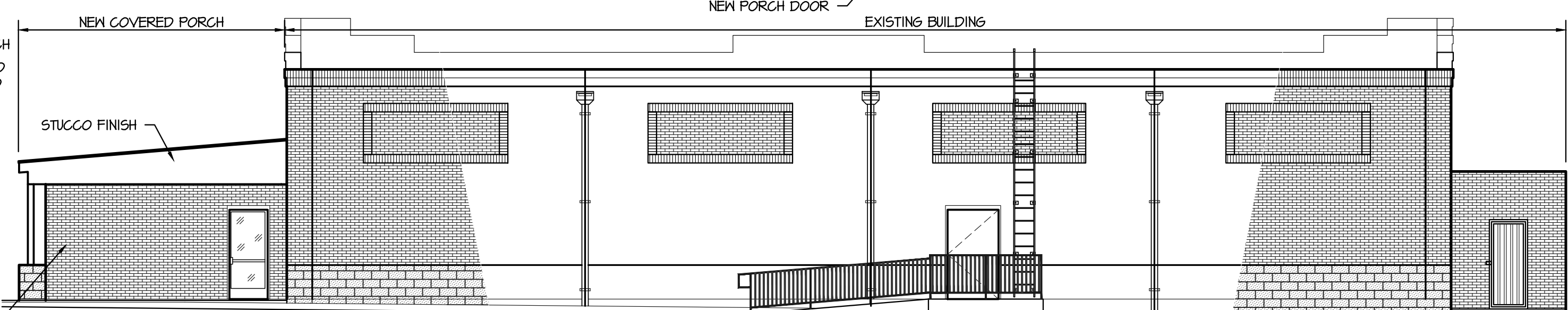
5 Renovated Rear Elevation
G1.1 1/8" = 1'-0"



7 Renovated Front Elevation
G1.1 1/8" = 1'-0"



6 Renovated Left Elevation
G1.1 1/8" = 1'-0"



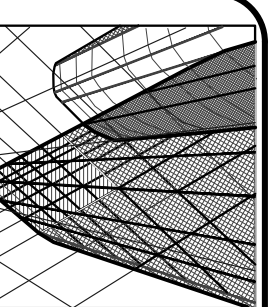
8 Renovated Right Elevation
G1.1 1/8" = 1'-0"

THE TWISTED GRAPE

Harnett County, NC

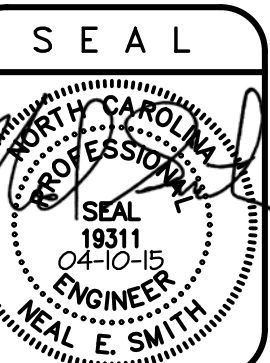
EXTERIOR ELEVATIONS

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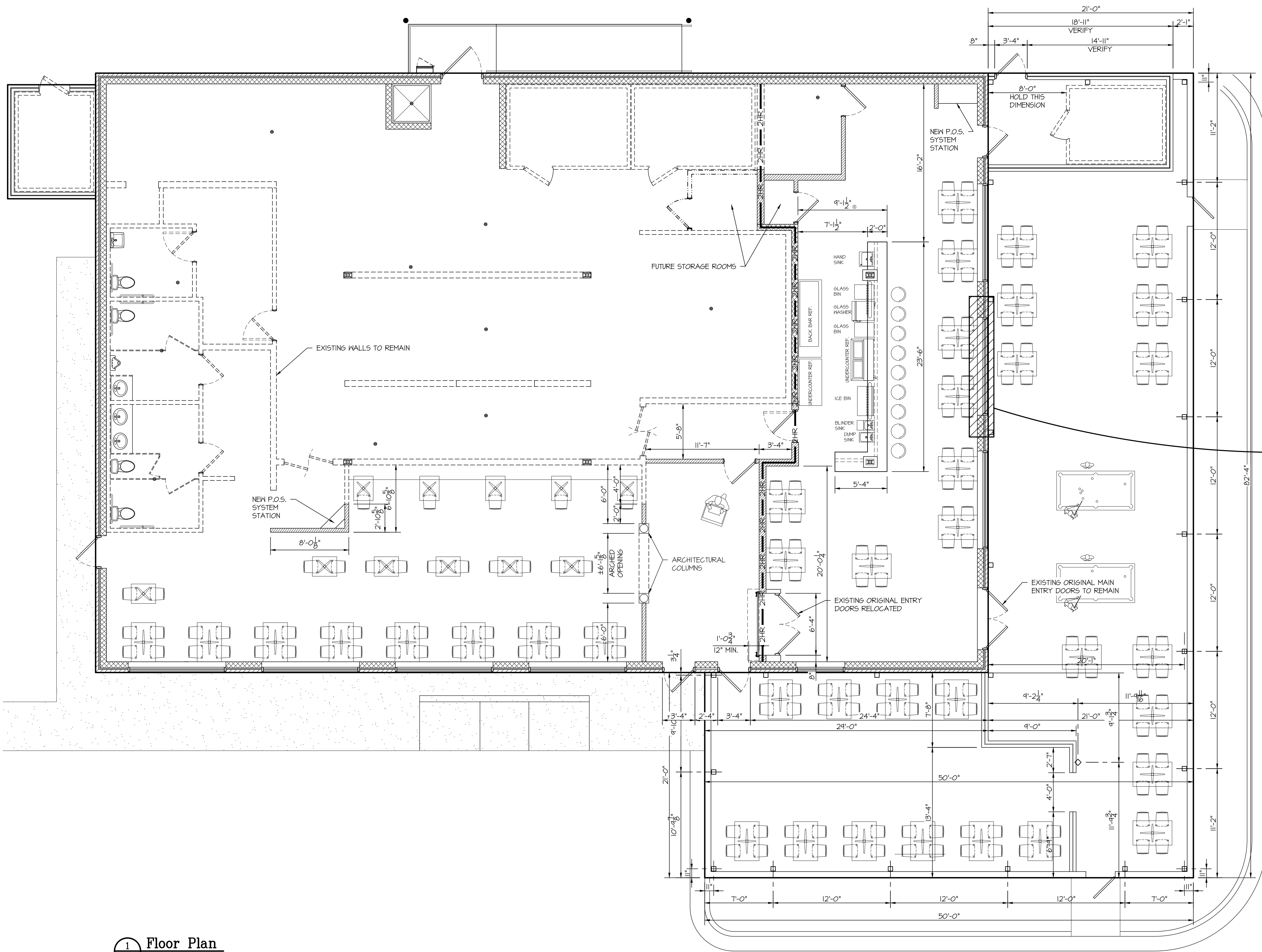
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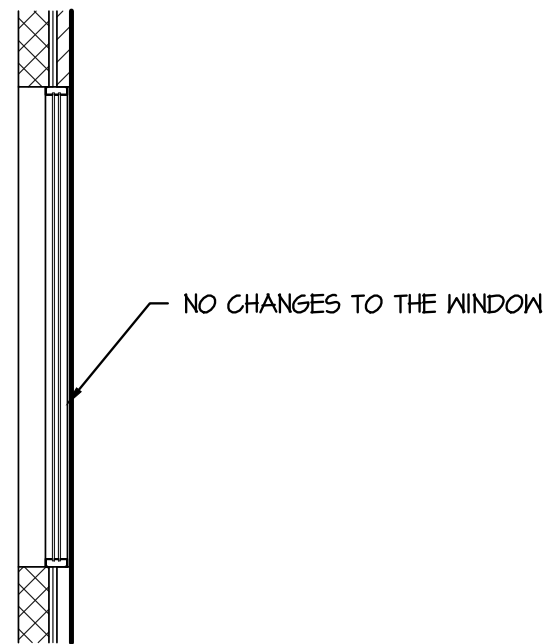
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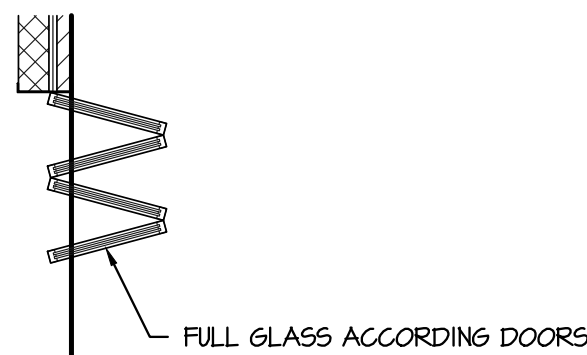
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1 Floor Plan
G2.1 3/16" = 1'-0"

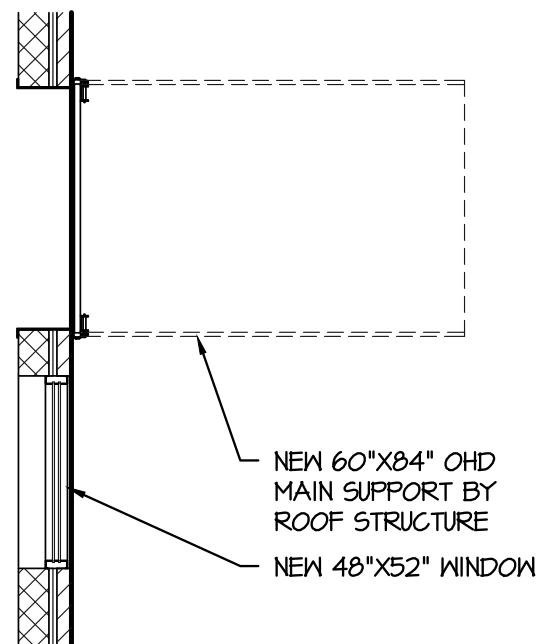


OPENING OPTION #1



- NOTES:
- IF THIS OPTION IS USED THEN THE MAIN WEIGHT OF THE DOORS SHALL BE CARRIED BY THE CONCRETE FLOOR.
 - EXISTING HEADER WAS NOT DESIGNED TO SUPPORT THIS DOOR

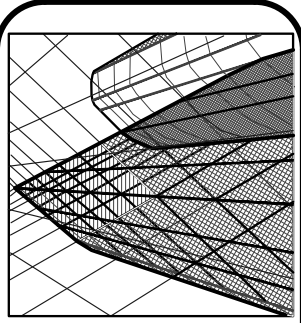
OPENING OPTION #2



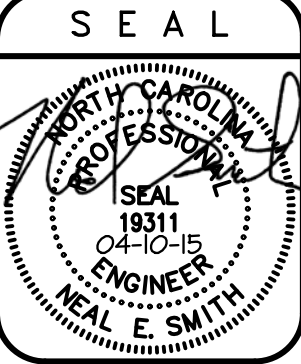
OPENING OPTION #3

THE TWISTED GRAPE
Harnett County, NC
FLOOR PLAN

REVISIONS:



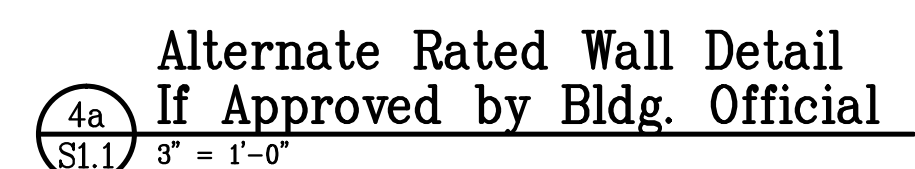
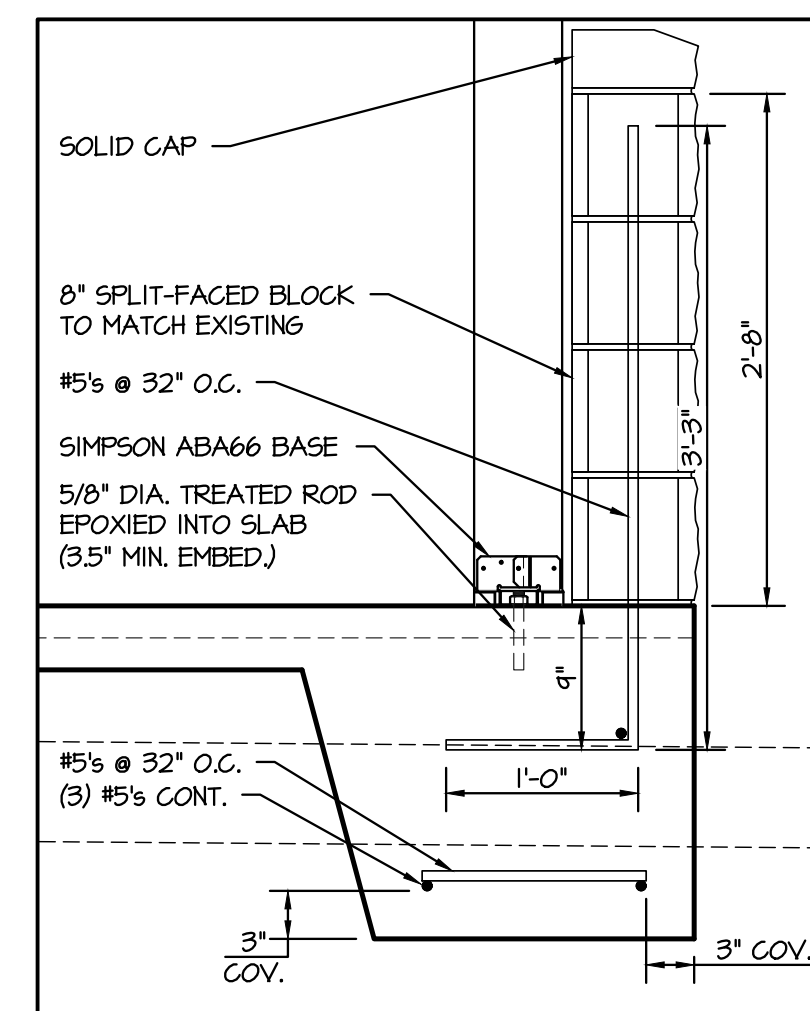
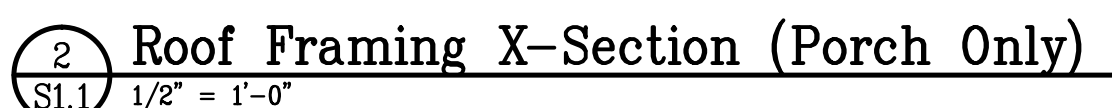
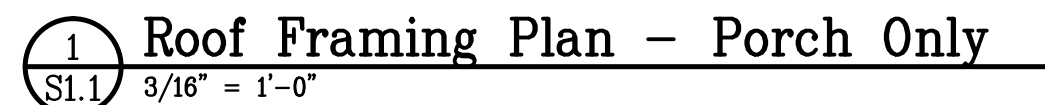
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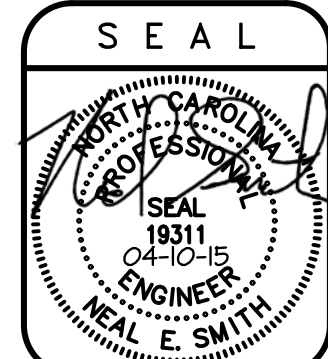
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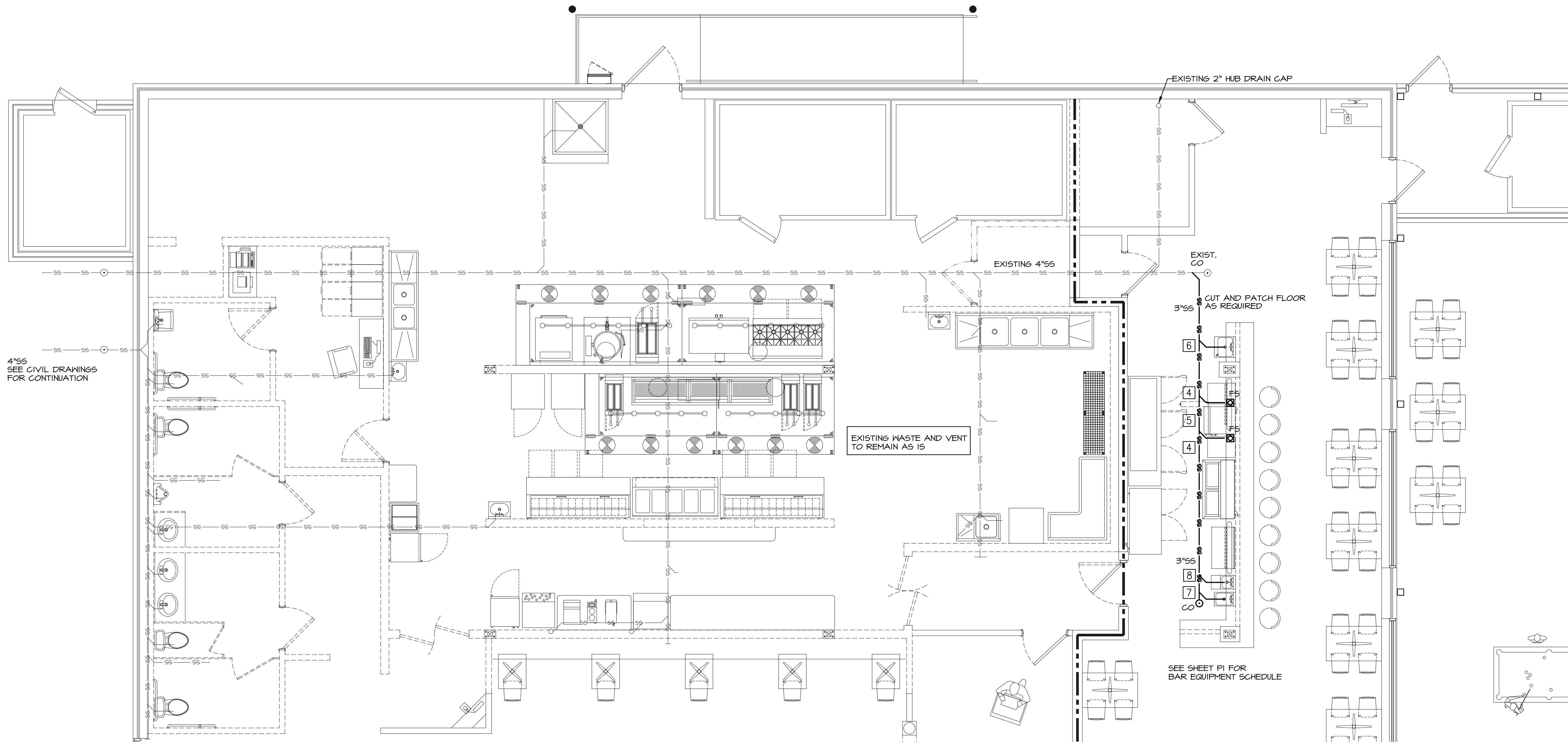


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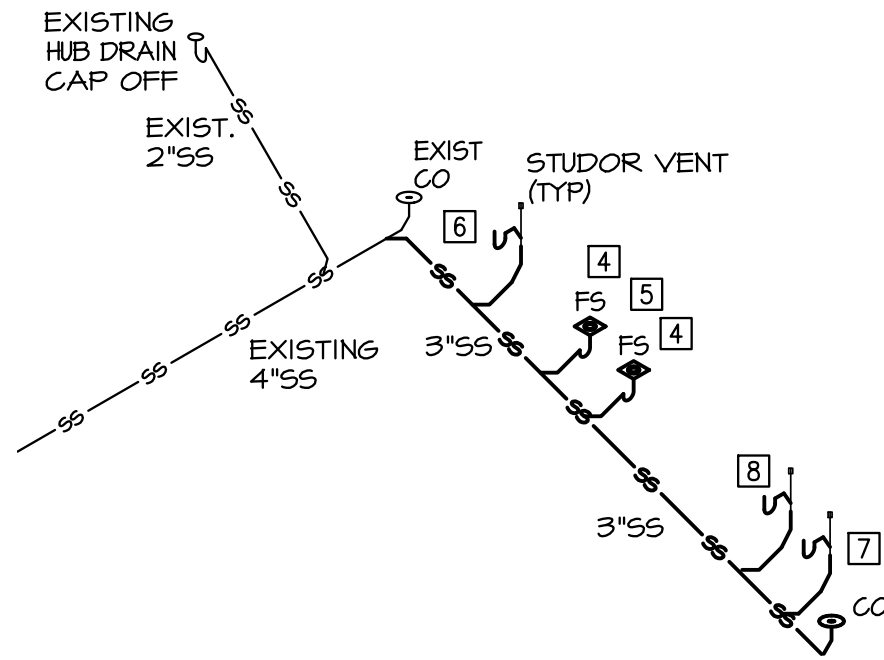
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PLUMBING GENERAL NOTES:

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF THE STATE CODE AS WELL AS LOCAL AND OTHER APPLICABLE CODES.
2. WATER LINES BELOW GRADE SHALL BE TYPE "K" COPPER (NO JOINTS BELOW GRADE) AND ABOVE GRADE TYPE "L" COPPER SUPPORTED AS REQUIRED AND SHALL BE HYDROSTATICALLY TESTED FOR TWO HOURS AT 100 PSI. STOPS SHALL BE PROVIDED ON HOT AND COLD WATER LINES. HOT WATER PIPING AND ALL PIPING ABOVE FINISHED CEILINGS SHALL BE INSULATED WITH 1" CLOSED CELL RUBBER. THE ENTIRE WATER SYSTEM SHALL BE DISINFECTED PRIOR TO PLACING IN SERVICE.
3. SANITARY SEWER LINES SHALL BE SCHEDULE 40 PVC.
4. THE PLUMBING CONTRACTOR SHALL PROVIDE ALL OPENINGS REQUIRED FOR THE PLUMBING WORK AND SHALL INSTALL FIRE RATED SLEEVES WHEREVER PENETRATIONS OF RATED WALLS OR FLOORS ARE MADE. THE PATCHING SHALL BE BY THE PLUMBING CONTRACTOR. THE PLUMBING CONTRACTOR SHALL REVIEW ALL UTILITY SITE PLANS AND BUILDING PLANS FOR WORK BY OTHERS.
5. LOCATION OF UTILITIES (WASTE AND WATER LINES, MANHOLES, ETC.) THAT ARE TO BE CONNECTED TO ARE ASSUMED. IT SHALL BE THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO VERIFY THESE LOCATIONS AND MAKE THE FINAL CONNECTION AS REQUIRED.
6. ALL PLUMBING LOCATED IN OR UNDER BEARING WALLS SHALL BE PROTECTED FROM BREAKAGE BY THE PLUMBING CONTRACTOR. SEE PLANS FOR LOCATION OF ALL BEARING WALLS. SEE SHEET S3.2 FOR JOIST FRAMING DIRECTION AND COORDINATE WITH JOIST INSTALLER.
7. INTERIOR SANITARY CLEANOUTS SHALL BE PLACED AT A MAXIMUM OF 100LF FROM THE MOST UP STREAM POINT. SEE SECTION 108.3 FOR ADDITIONAL INFORMATION.



THE TWISTED GRAPE

Harnett County, NC

WASTE PLAN AND RISER

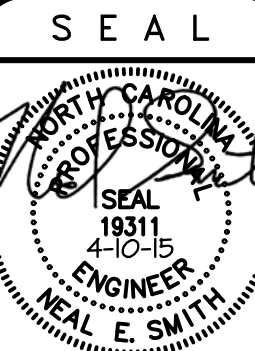
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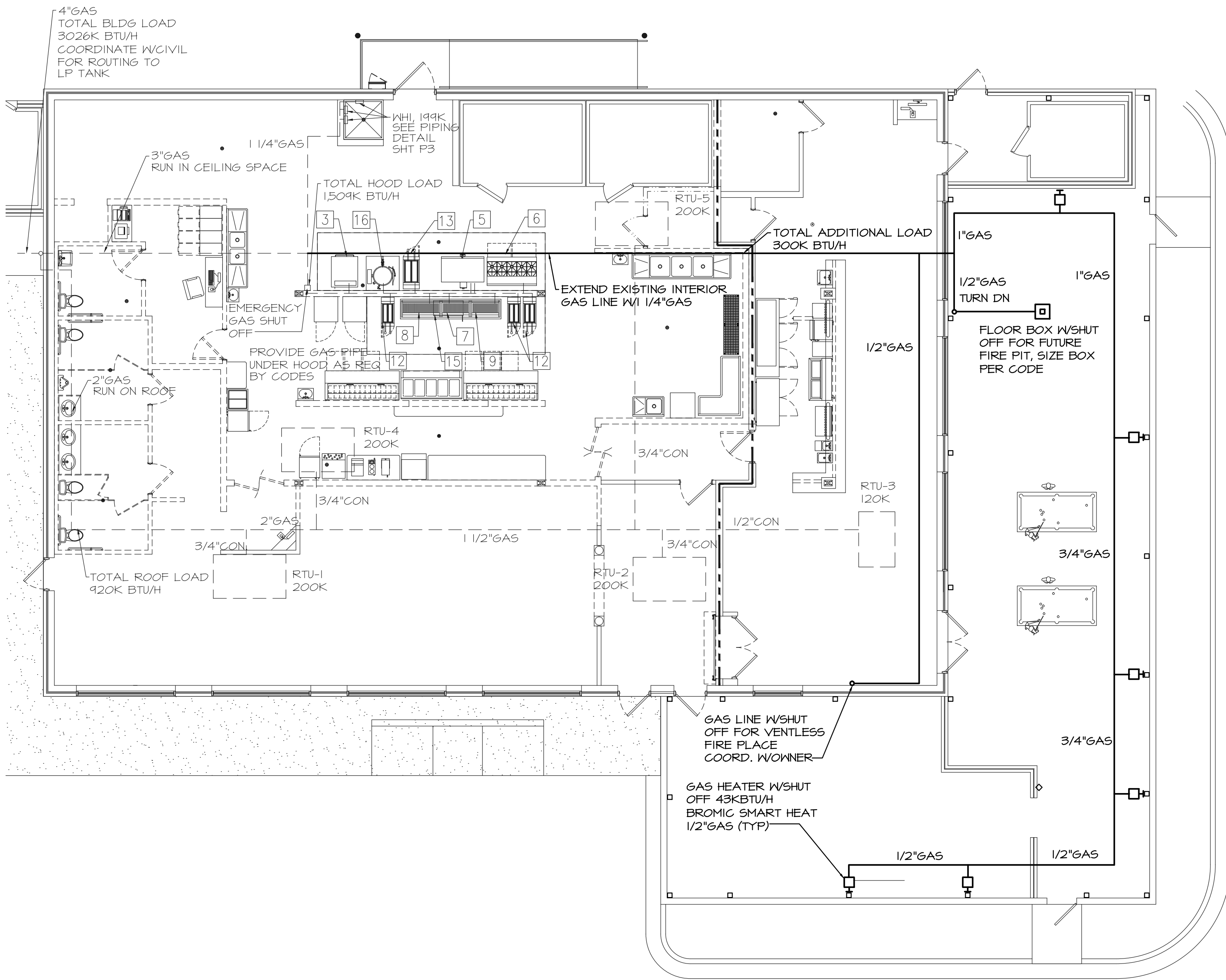
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GAS PIPING NOTES

GAS PIPE SHALL BE INSTALLED BY A CERTIFIED INSTALLER AND PER NORTH CAROLINA FUEL GAS CODE. MATERIAL SHALL BE PER CODE. SIZING SHALL BE CONFIRM WITH EQUIPMENT PROVIDED.

SHUT OFF VALVES SHALL BE PROVIDED AT EACH EQUIPMENT CONNECTION. VALVES SHALL BE IN COMPLIANCE WITH ASTM B 16.33. VALVES SHALL BE LOCATED IN A PLACE TO PROVIDE ACCESS FOR OPERATION AND SHALL BE PROTECTED FROM DAMAGE.

WHERE A SEDIMENT TRAP IS NOT INCORPORATED AS PART OF THE EQUIPMENT, A TRAP SHALL BE PROVIDED AS CLOSE TO THE INLET OF EQUIPMENT AS PRACTICAL.

PIPING SHALL BE SUPPORTED AT EVERY 10'-0" WITH PIPE HOOKS, METAL PIPE STRAPS, BANDS, BRACKETS OR HANGERS SUITABLE FOR THE SIZE OF PIPING TO PREVENT OR DAMP OUT EXCESSIVE VIBRATION. PIPING SHALL BE ANCHORED TO PREVENT UNDUE STRAINS ON CONNECTED EQUIPMENT AND NOT SUPPORTED BY OTHER PIPES.

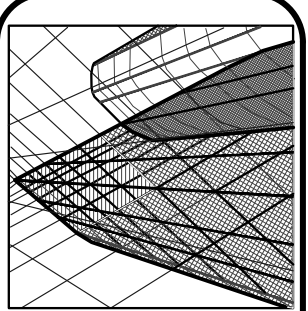
VENTING SHALL BE PROVIDED AS RECOMMENDED BY EQUIPMENT MANUFACTURER AND TO MEET NC FUEL GAS CODE. ALL VENTS SHALL EXTEND TO OUTSIDE OF BUILDING.

TESTING SHALL BE AS FOLLOWS:
HIGH PRESSURE PIPING, 5 PSI AND GREATER MUST WITHSTAND A PRESSURE OF AT LEAST 50 PSI FOR A PERIOD OF NOT LESS THAN 10 MIN. WITHOUT SHOWING ANY DROP IN PRESSURE.
LOW PRESSURE PIPING SHALL WITHSTAND A PRESSURE OF AT LEAST 10PSI FOR A PERIOD OF NOT LESS THAN 10 MIN. WITHOUT SHOWING ANY DROPS IN PRESSURE.

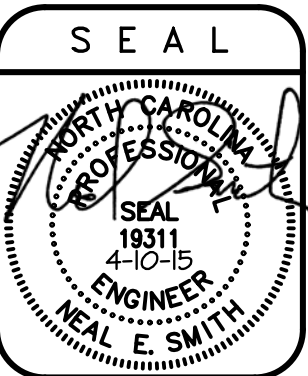
ASBUILT DRAWINGS SHOWING THE ROUTING OF ALL PIPING SHALL BE PROVIDED AT END OF JOB.

GAS INSTALLER SHALL VISIT THE SITE AFTER THE EQUIPMENT HAS BEEN INSTALL TO DETERMINE THE EXTEND OF WORK AND EXACT LOCATION OF CONNECTIONS. THE INSTALLER SHALL COORDINATE WITH LOCAL GAS COMPANY FOR LOCATION AND REQUIREMENTS OF GAS METER. INSTALLER SHALL COORDINATE WITH ENGINEER FOR EXACT SIZING AND ROUTING OF PIPING BEFORE ANY WORK IS STARTED. ALL WORK SHALL BE PROVIDED FOR A COMPLETE AND OPERABLE SYSTEM,

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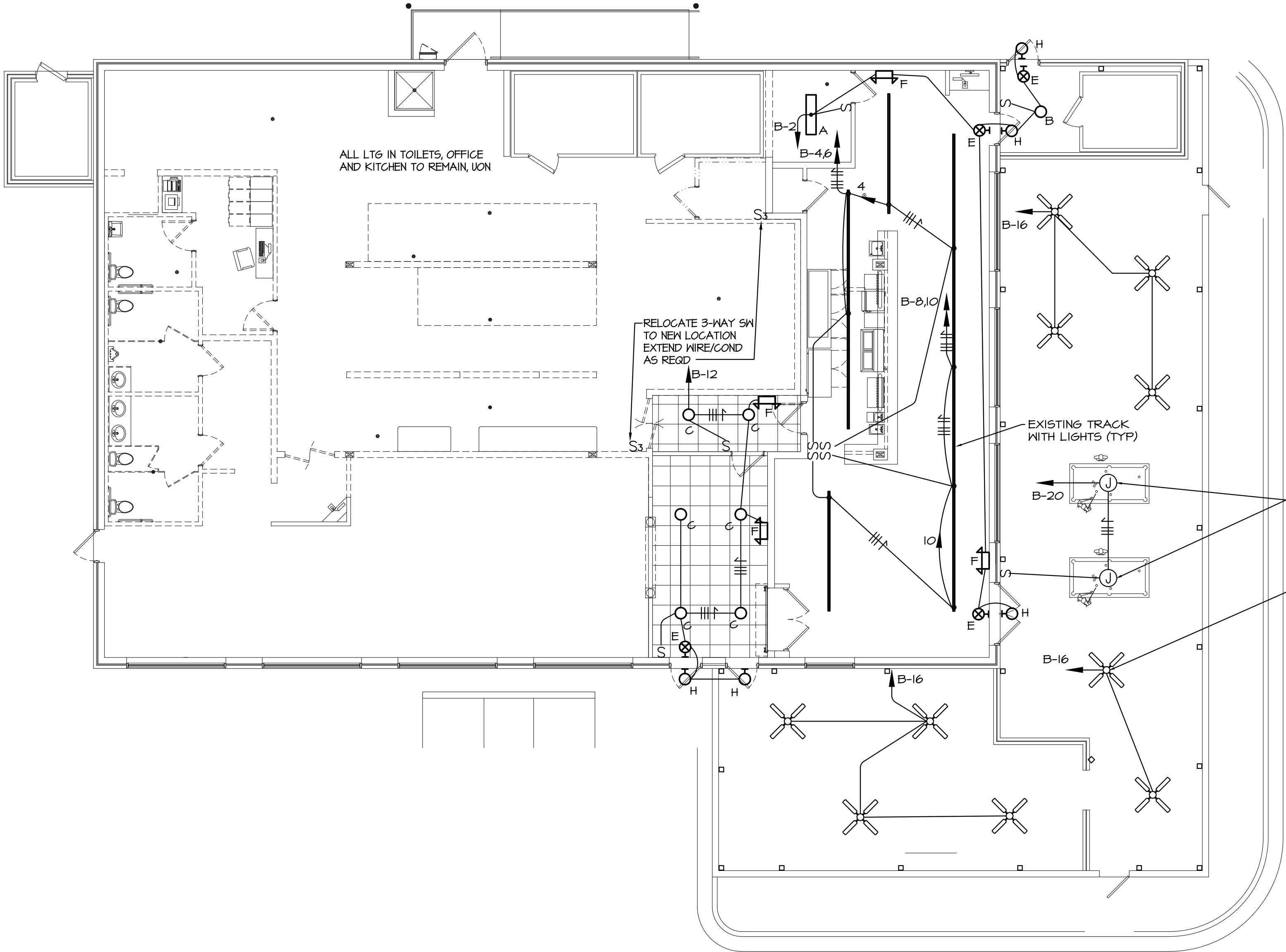


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- LIGHTING**
- FLOURESCENT LIGHTING FIXTURE
 - ⊗ EXIT LIGHTING FIXTURE, CONNECT AHEAD OF SWITCH
 - COMPACT FLOURESCENT DOWN LIGHTING
 - EXISTING TRACK LIGHT, COORDINATE W/OWNER FOR PLACING OF HEADS
 - ⌞ EMERGENCY BATTERY PACK, CONNECT AHEAD OF SWITCH
 - ⊕ EMERGENCY LIGHT, EXTERIOR, CONNECT AHEAD OF SWITCH
 - S TOGGLE SWITCH - 20A, 120-277V, AC ONLY, MOUNT 48" AFF, UON
 - S₃ THREE WAY TOGGLE SWITCH - 20A, 120-277V, AC ONLY, MOUNT 48" AFF, UON

- RECEPTACLES**
- ⌚ DUPLEX RECEPTACLE - 20A, 125V, 2P, 3W GND TYPE, MOUNT 18" AFF, UON
 - ⌚ DUPLEX RECEPTACLE - 20A, 125V, 2P, 3W, GND TYPE, MOUNT 48" AFF OR 6" ABOVE COUNTER TOP BEING SERVED, UON
 - WP INDICATES WEATHERPROOF INSTALLATION, PROVIDE CAST METAL BOX WITH GASKETED COVER PLATE.
 - GFI INDICATES GROUND FAULT INTERRUPTING RECEPTACLE

- POWER**
- Ⓜ JUNCTION BOX, CONNECTION AS NOTED OR REQUIRED
 - Ⓜ MOTOR CONNECTION - RATING AS INDICATED ON THE DRAWINGS
 - Ⓜ DISCONNECT SWITCH, 600V IN NEMA 1 ENCLOSURE U.O.N.
3P = NO. OF POLES, 60 = SWITCH RATING, 40 = FUSE RATING
(NF INDICATES NON-FUSIBLE)
 - Ⓜ EXISTING PANELBOARD - 208/120V, 3PH, 4W, UON
 - Ⓜ BRANCH CIRCUIT HOMERUN - PANEL LA, CIRCUITS #1 AND #3.
TICK MARKS INDICATE WIRE COUNT IF MORE THAN TWO #12 AND A GROUND. FLAGGED TICK MARK (†) INDICATES GROUND WIRE.

ELECTRICAL NOTES

WIRE AND CABLE SHALL BE INSULATED, TYPE THHN, 600 VOLTS, WITH COPPER CONDUCTORS. CONDUCTOR SIZES NO. 8 AWG AND LARGER MUST BE STRANDED. CONDUCTORS SIZES NO. 10 AWG AND SMALLER MAY BE SOLID OR STRANDED. NO ROMEX PERMITTED.

EMT SHALL BE GALVANIZED STEEL TUBING, 3/4" MINIMUM SIZE, EQUAL TO ELECTRUNITE BRAND OR APPROVED AND USED ONLY WITH HEXAGONAL ALL STEEL COMPRESSION FITTINGS.

FLEXIBLE METAL CONDUIT SHALL BE 1/2" MINIMUM SINGLE STRIP, STEEL, HOT DIPPED GALVANIZED INSIDE AND OUTSIDE, MAXIMUM LENGTH 12 INCHES FOR LIGHTING AND 36" FOR MOTORS.

ALL CONDUCTORS SHALL BE COPPER WITH A MINIMUM SIZE OF #12 AWG

CIRCUIT BREAKERS AND WIRE ARE SIZED FOR SPECIFIC EQUIPMENT. BEFORE ORDERING WIRE, BREAKERS AND CONDUIT FOR THIS PROJECT THE CONTRACTOR SHALL COORDINATE WITH THE OTHER CONTRACTORS ON THE JOB AND VERIFY THE ELECTRICAL DATA FOR THE EQUIPMENT WHICH WILL ACTUALLY BE INSTALLED, RECOMPUTING WIRE AND BREAKER SIZES IF REQUIRED BY THE NEC.

THE MOUNTING HEIGHTS AND LOCATIONS OF ALL WALL MOUNTED OUTLETS AND JUNCTION BOXES SHALL BE REVIEWED AND COORDINATED WITH THE OWNER, PRIOR TO INSTALLATION, FOR USE WITH THE ACTUAL EQUIPMENT. WIRING DEVICES SHALL BE HUBBELL, BRYANT OR LEVITON.

EACH CONTRACTOR WILL PROVIDE HIS OWN SUPPORT OF ALL DEVICES AND EQUIPMENT PROVIDED BY HIM AND SHALL SUPPORT SUCH EQUIPMENT PER APPROVED GOVERNING CODES OR PER APPROVAL OF THE ENGINEER. UNACCEPTABLE WORKMANSHIP OR MATERIALS SHALL BE REPLACED AT THE REQUEST OF THE ENGINEER AT THE CONTRACTORS EXPENSE.

THE CONTRACTOR SHALL REFER TO THE BUILDING PLANS FOR FLOOR PLAN DIMENSIONS.

THE CONTRACTOR SHALL COORDINATE ANY AND ALL WORK WITH OTHER TRADES INVOLVED IN THIS PROJECT PRIOR TO THE INSTALLATION OF HIS EQUIPMENT, SO AS TO AVOID CONFLICTS DURING CONSTRUCTION AND ALLOW FOR OPTIMUM WORKING SPACE AND MAINTENANCE.

WHERE EQUIPMENT PENETRATES WALLS THEY SHALL BE PROPERLY SEALED WITH METHODS APPROVED BY THE ENGINEER.

LIGHTING FIXTURE SCHEDULE

TYPE	MANUFACTURER	CATALOG NUMBER	LAMP	MOUNTING	REMARKS
A	LITHONIA	LB232MYOLT6EB	2-F32T8	SURFACE	
B	PRESCOLITE	CFCB618QHEBSTCB6ACGNTB24	2-18W QUAD	RECESSED	COORDINATE W/CEILING
C	PRESCOLITE	CFCB618QHEBSTCB6ACGNTB24	2-18W QUAD	RECESSED	
D	DUAL LITE	P6P	LED	WALL MTD	BTM 6" ABOVE DOOR
E	DUAL LITE	LED9UEMRB	LED	WALL MTD	BTM 6" ABOVE DOOR
EI	DUAL LITE	LED9UEMRB	LED	SURFACE	
F	DUAL LITE	EZ-2	2-6W	WALL MTD	6'-8" AFF

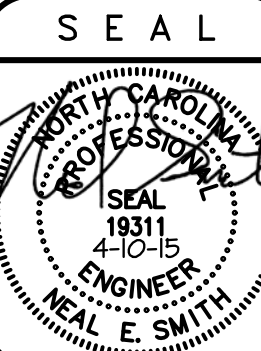
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LIGHTING PLAN, NOTES AND LEGEND

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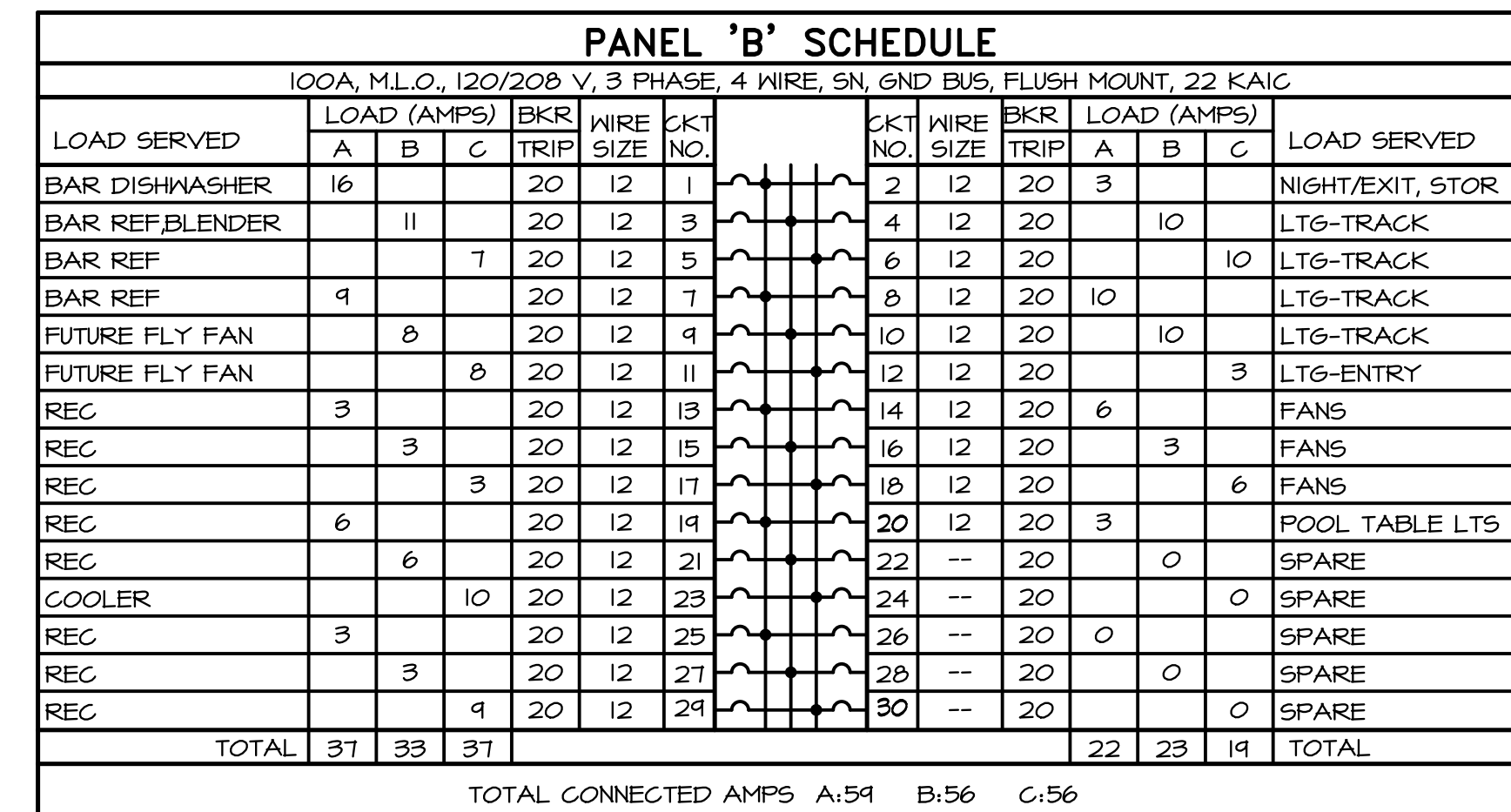
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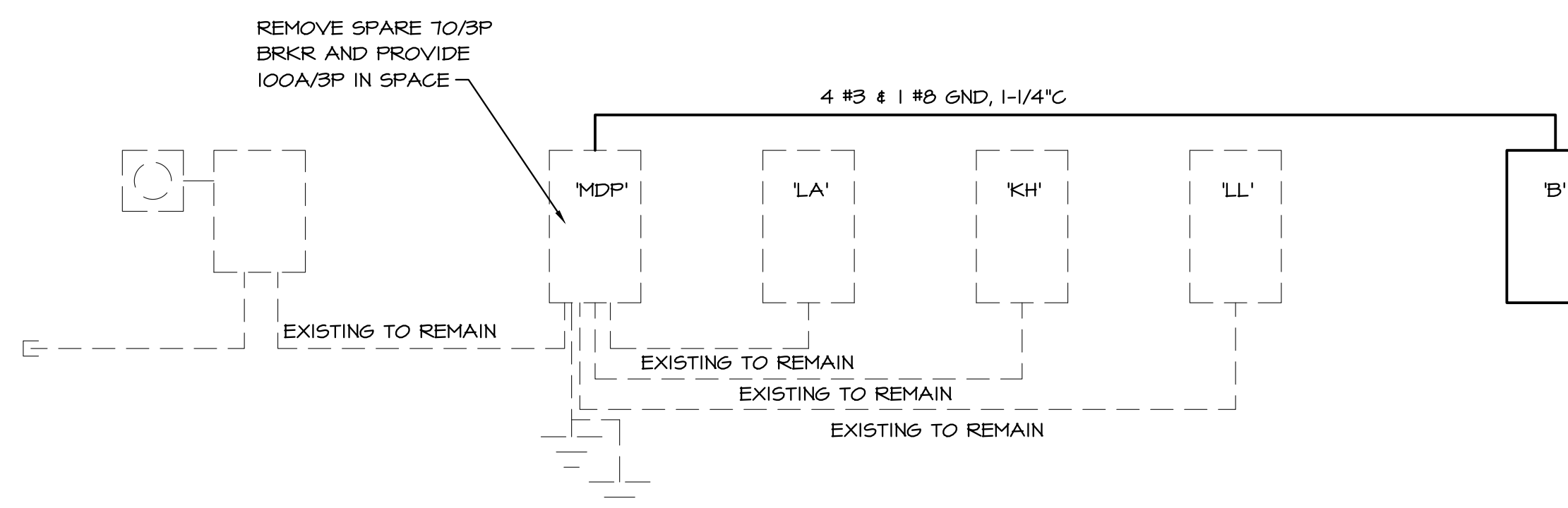
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BAR EQUIPMENT SCHEDULE					
ITEM NO.	DESCRIPTION	ELECTRICAL			
		AMP	HP	VOLTS	PH PLUG NEMA
2	UNDERBAR REFRIGERATION	7.6		115	1 5-15
5	DISHWASHER	16		115	1
8	BLENDER STATION	3		115	1 DUPLEX
9	GLASS DOOR REFRIGERATOR	7.2		115	1 5-15
10	UNDERBAR REFRIGERATION	9.2		115	1 5-15

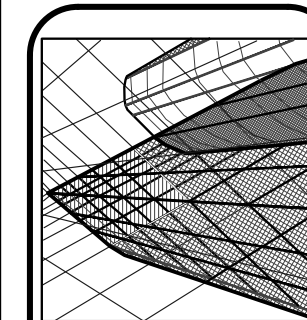


POWER RISER DIAGRAM

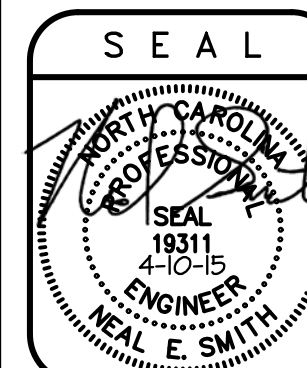
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POWER PLAN AND SCHEDULES

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Southern Pines, NC 28387
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